

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L6	1550	logical\$1 same cylinder\$3	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:44
2	BRS	L7	1022	6 and ((@rlad<=19990524) or (@ad<=19990524))	USPAT	2003/01/30 16:36
3	BRS	L8	119	7 and (magnetic\$1 adj tape\$1)	USPAT	2003/01/30 14:45
4	BRS	L9	12	8 and (single\$1 same (magnetic\$1 adj tape\$1))	USPAT	2003/01/30 14:37
5	BRS	L10	2	9 and (stor\$4 same ring\$1)	USPAT	2003/01/30 14:37
6	BRS	L12	2	11 and (stor\$4 same ring\$1)	USPAT	2003/01/30 14:38
7	BRS	L13	66	5403639.uref,bi.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:43
8	BRS	L14	5	13 and (logical\$1 same cylinder\$3)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:44
9	BRS	L15	119	8 and (magnetic\$1 adj tape\$1)	USPAT	2003/01/30 16:36
10	BRS	L16	119	15 and (magnetic\$1 adj tape\$1)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:46
11	BRS	L17	1	14 and (magnetic\$1 adj tape\$1)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:46
12	BRS	L11	12	8 and (single\$1 same (magnetic\$1 same tape\$1))	USPAT	2003/01/30 16:34
13	BRS	L18	0	6 and 369.ccls.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 16:35
14	BRS	L19	0	369.ccls.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 16:35

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	Type	L #	Hits	Search Text	DBs	Time Stamp
15	BRS	L20	72728	369/\$.ccls.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 16:35
16	BRS	L22	288145 4	21 ((@rlad<=19990524) or (@ad<=19990524))	USPAT	2003/01/30 16:36
17	BRS	L23	15	21 and ((@rlad<=19990524) or (@ad<=19990524))	USPAT	2003/01/30 16:36
18	BRS	L25	0	23 and longitu\$6	USPAT	2003/01/30 16:37
19	BRS	L26	0	23 and latitu\$6	USPAT	2003/01/30 16:37
20	BRS	L24	4	23 and (magnetic\$1 adj tape\$1)	USPAT	2003/01/30 16:37
21	BRS	L21	28	20 and 6	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 16:39

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
1	US 20030007442 A1	20030109	Light intensity modulated direct overwrite magneto-optical microhead array chip hard disk drive	369/95	369/124.03	Henrichs, Joseph Reid
2	US 20020071350 A1	20020613	Intelligent data storage device	369/24.01	369/43	Wood, Robert Barry
3	US 20020031334 A1	20020314	Editing system and method and distribution medium	386/54	360/13; 369/83; 386/64	Tanizawa, Seiji et al.
4	US 6457096 B1	20020924	Redundant recording disk device and data processing method using plural logical disks with mirrored data stored with a predetermined phase-offset	711/112	360/47; 369/30.01; 369/30.19; 369/30.2; 711/114; 711/162; 714/6	Ageishi, Narutoshi et al.
5	US 6170037 B1	20010102	Method and apparatus for storing information among a plurality of disk drives	711/114	360/15; 360/47; 360/8; 369/84; 711/104; 711/112; 711/161; 711/162; 711/165; 711/4	Blumenau, Steven M.
6	US 6034831 A	20000307	Dynamic reverse reassign apparatus and method for a data recording disk drive	360/53	360/31; 360/47; 369/53.15; 369/53.42	Dobbek, Jeffrey J. et al.
7	US 5953744 A	19990914	Replication of contents of hard disk to hard disk of greater storage capacity through adjustment of address fields in sectors	711/162	360/48; 369/84; 711/103; 711/161; 711/167; 711/170; 711/200	Marasco, Bernie R.
8	US 5914916 A	19990622	Methods and apparatus for controlling access to a recording disk	369/30.1		Totsuka, Takashi et al.
9	US 5848438 A	19981208	Memory mapping defect management technique for automatic track processing without ID field	711/201	360/48; 360/53; 360/72.2; 360/77.02; 369/275.3; 711/1; 711/4	Nemazie, Siamack et al.
10	US 5835299 A	19981110	Method for optimizing skew of hard disk drive	360/76	369/44.32	Lee, Byung-Joon et al.
11	US 5708632 A	19980113	Methods and apparatus for controlling access to a recording disk	369/30.03		Totsuka, Takashi et al.
12	US 5619481 A	19970408	Information recording/reproducing method	369/30.21	235/454; 369/53.35	Hosoya, Hideki
13	US 5570332 A	19961029	Method for reducing rotational latency in a disc drive	369/30.1	360/78.04; 369/44.28	Heath, Mark A. et al.
14	US 5566348 A	19961015	System for adaptively optimizing automated optical library management	710/18	369/30.3	Dahman, Kirby G. et al.
15	US 5502836 A	19960326	Method for disk restriping during system operation	711/170	369/44.27; 711/112; 714/3; 714/712; 714/800	Hale, Robert P. et al.
16	US 5469546 A	19951121	Method for retrying recording information into a next logical block by sending sense data including address information to host computer and responding to command therefrom	714/8	369/53.36; 711/112; 711/115; 714/710	Hosoya, Hideki

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
17	US 5111349 A	19920505	Digital servo system for moving body by a distance equal to an integral multiple of a predetermined pitch	360/78.07	318/560; 318/600; 360/78.06; 369/30.17	Moon, Ronald R.
18	US 5075804 A	19911224	Management of defect areas in recording media	360/49	360/53; 360/54; 369/30.07; 369/47.14; 369/53.17	Deyring, Klaus-Peter
19	US 4498146 A	19850205	Management of defects in storage media	711/115	360/31; 369/53.42	Martinez, Maria N.
20	JP 03076001 A	19910402	DISK DEVICE		369/43	ISHIHARA, KOICHI
21	JP 02254678 A	19901015	DISK DEVICE		369/43	MITSUISHI, TETSUYA et al.
22	JP 02158986 A	19900619	DISK CONTROLLER		369/FOR.10 0	OKAMOTO, YUTAKA
23	JP 63224076 A	19880919	DISK DEVICE		369/43	MATSUO, MASARU
24	JP 63083967 A	19880414	DATA RECORDING SYSTEM		369/43	UCHIYAMA, YOSHIHIRO
25	JP 62246192 A	19871027	DISK CONTROLLER		369/43	NATSUI, SATOSHI et al.
26	JP 62236184 A	19871016	DISK CONTROLLER		369/43	NATSUI, SATOSHI
27	JP 61156577 A	19860716	POSITIONING CONTROLLING CIRCUIT OF DISK DRIVING DEVICE		369/43	KITAMURA, YOSHITSUGU
28	EP 490485 A2	19920617	Rotating memory system.		360/69; 369/FOR.10 0	HOLT, NICHOLAS PETER

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12	BRS	L11	12	8 and (single\$1 same (magnetic\$1 same tape\$1))	USPAT	2003/01/30 15:05

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4	BRS	L9	12	8 and (single\$1 same (magnetic\$1 adj tape\$1))	USPAT	2003/01/30 14:37
5	BRS	L10	2	9 and (stor\$4 same ring\$1)	USPAT	2003/01/30 14:37
6	BRS	L11	12	8 and (single\$1 same (magnetic\$1 same tape\$1))	USPAT	2003/01/30 14:37
7	BRS	L12	2	11 and (stor\$4 same ring\$1)	USPAT	2003/01/30 14:38
8	BRS	L13	66	5403639.uref,bi.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:43
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11	BRS	L16	119	15 and (magnetic\$1 adj tape\$1)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:46
12	BRS	L17	1	14 and (magnetic\$1 adj tape\$1)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/01/30 14:46

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1	US 6446209 B2	20020903	Storage controller conditioning host access to stored data according to security key stored in host-inaccessible metadata	713/193	713/164; 713/165; 713/168	Kern, Robert Frederic et al.
2	US 5903913 A	19990511	Method and apparatus for storage system management in a multi-host environment	711/156	711/112; 711/147	Ofer, Erez et al.
3	US 5761667 A	19980602	Method of optimizing database organization using sequential unload/load operations	707/101	707/100; 707/200; 707/8; 711/129; 711/173	Koeppen, Christian B.
4	US 5455926 A	19951003	Virtual addressing of optical storage media as magnetic tape equivalents	711/4	711/112; 711/202	Keele, Richard V. et al.
5	US 5438674 A	19950801	Optical disk system emulating magnetic tape units	711/4	703/23; 707/204; 707/205; 711/112; 711/202; 711/221	Keele, Richard V. et al.
6	US 5403639 A	19950404	File server having snapshot application data groups	707/204	707/205; 711/113; 711/114	Belsan, Jay S. et al.
7	US 5317728 A	19940531	Storage management of a first file system using a second file system containing surrogate files and catalog management information	707/204	707/205	Tevis, Gregory J. et al.
8	US 5239647 A	19930824	Data storage hierarchy with shared storage level	707/205	711/117	Anglin, Matthew J. et al.
9	US 4638425 A	19870120	Peripheral data storage having access controls with error recovery	711/133	711/162; 711/163; 711/173; 711/202; 714/10; 902/37	Hartung, Michael H.
10	US 4636946 A	19870113	Method and apparatus for grouping asynchronous recording operations	711/136	711/113; 711/114	Hartung, Michael H. et al.
11	US 4574346 A	19860304	Method and apparatus for peripheral data handling hierarchies	711/117	711/112; 711/160	Hartung, Michael H.
12	US 3955180 A	19760504	Table driven emulation system	703/26		Hirtle, Allen C.